

RG 8/U PVC



Construction

Conductor	OFC – Stranded annealed copper wire, 7x0.70mm
Insulation	Ø6.40±0.10 mm, PE
Screen	Copper wire braiding, approx. 92%
Outer sheath	Ø9.50±0.20mm PVC compaund,
Sheath color	Black

Marking

To be defined

Electrical properties (at 20 ° C, unless otherwise stated)

Impedance	50±2 Ω
Nominal capacitance	101 pF/m
Velocity propagation	66%
Inner Conductor DC resistance	<6 Ω/km
Operating	3.7 kV (max.)
Test voltage	10 kV
Insulation resistance	min. 2 GΩ.km

Electrical data

Frequency (MHz)	Attenuation (dB/100m)
100	7.8
200	10.6
470	16.6
862	25.3

Mechanical and thermal properties

Temperature range	-25°C to +70°C
Installation temperature	-5°C to +50°C
Min. bending radius	20 x Cable diameter

Other properties

Flame retardant	IEC 60332-1-2
CE, RoHS compliant	Yes
Cable weight (approx.)	130 kg/km